

P R O P O S A L

OF THE

Several ARTIFICERS WORKS necessary to be done

In Building a House or Houses of INDUSTRY, and Offices
to the same.

In the Hundred of *Blything*, in the Parish of *Bulcamp*, in the County of

S U F F O L K.

OF THE



Dimensions figured in the Plan, Elevations, and Sections, that are
approved of.

D I G G I N G.

TO dig all the Foundations to a proper Depth of all the Buildings; also Sewers, Drains, Cefs-pools, and Common-shore, through the Bog-houses, &c. And the Cellars six Feet six Inches from the Top of the Pavement to the under Part of the Girders, under the Rooms marked from O to G. being the Length of the Great Building as in the Section. And regulate all the Grounds in the Courts and Yards, as shall be directed.

B R I C K L A Y E R ' s W o r k.

ALL the Foundations below Ground to be as follows: All the Out-side Walls of the Buildings to be two Bricks and a half thick up to the Water-Table, which is to be one Foot six Inches from the Surface of the Ground when levell'd, with the Footing of one Brick, and four Course of Bricks high from the Bottom, as appears by Section. The Party Walls in Cellar next Dining-Room and Foundation, two Bricks with the footing of half a Brick, and from thence one Brick and half to the first Floor, and above that one Brick up to Garret Floor; and all other Partition Walls nine Inches or one Brick, as appears in the Ground Plan, and two Brick Stair-cases, down into the Cellars and cold Larder, and one from the Offices Yard down into the Cellars, as appears by the Plan; with an Arch turned with Brick under the Passage into the Dining Room; Chimney's to have a proper Foundation, the Bigness directed by the Ground Plan; the Jambs to be a Brick and half in all the low Rooms, with a Footing of half a Brick. The Walls of the Buildings from the Set off to the under-side of the Wall-plates of the Great Building, to be two Bricks in thickness, and the Wings the same up to the Chamber Floor, and from thence to Eves one Brick and a Half, with a Cornice of three Course of Bricks as shall be directed; to have a one-brick Arch over all the Doors and Windows, turned through the thickness of the Walls with common Bricks, and set in good well beaten Mortar, Camber or Raife two Inches, the Foundations and outside Walls of the Brew-house, Stable, &c. to be the same Thickness as before mentioned, up to the first Floor; and from thence a Brick and a half in Thickness to the Eves; the Walls of the Hog-styes, Bog-houses, &c. to be nine Feet high, and all naked Walls of Inclosures of Yards and Courts, to be two Bricks in Foundation up to Setting of; from thence a Brick and half, and seven Feet high, with Air-holes in the Walls at proper Distances. The front Peirs of the Great Gates

Gates to be three Bricks; not less than two Hundred of Lime to each Rod of Brick-work, with a Proportion of good Sand, all the Brickwork to be wrought fair, the In-side as well the Out-side Walls of the Buildings: Covering to be done with good sound plain Tiles, laid upon Heart of *Oak Laths*, one Inch, by 4-8ths in Thickness, well nailed with gelt-Nails, (a Pattern of the Lathes being first approved of,) all the Hog-styes, and Bog-houses, and Lean-to's, and Roof over the Ovens, to be covered with good sound unglazed Blue Dutch Pan-tiles; all the Work-rooms marked as R. R. &c. E. F. Z. and Offices L. L. in the ground Plan; to be paved with white paving Lumps, Flat-ways, and Store-Rooms, Dinings-Rooms, &c. as marked A. L. Q. P. M. N. &c. to be paved with white paving Bricks, Flat-ways; and all other Offices, &c. marked as Stable, Hog-styes, &c. to be paved with white paving Lumps, set Edge-ways; the Governor's Rooms, Ground-floor, to be paved with White foot or nine Inch Pammants, and all the Hearths laid with Pammants as above. The Bottoms of the Cellar, and Cold-Larder, with Lumps Flat-ways; the Windows to be three Feet four Inches between Brick-work, and Brick-work, at a Main, and five Feet four Inches high, and set in a four Inch Revel. All the Drains through the Bog-houses as in the Plan, to be two Feet wide In-side, and three Feet high from the Pavement, to the Under-side of the Crown of the Arch; the Cellar Drain to be carried into Cefs-pool Great Court, to communicate with the Common-shore, as marked; to be one Foot three Inches wide, and one Foot six Inches high in the clear In-side, all the small Drains or Sewers, in Courts and Yards, to be seven Inches wide, and nine Inches high In-side; the Common-shore to be three Feet nine Inches wide, and five Feet high In-side, to be carried one hundred Feet from the Cefs-pool, at the Corner of Bog-house Yard, West-wing Cefs-pools; the Size figured in the Plan, all the Drains, and Shore, to be paved with common Bricks laid inverted, six Inches Hollow, so as the Current of the Water, &c. pass in the Middle of the Shore and Drains, as shewn in the Plan; the Yards and Courts, laid with a proper Descent down to the Cefs-pools and Gutter-bricks from the Pumps in Great Court, down to Cefs-pool, also a Gutter carried by the Side of the Walls in the Cellar, to communicate with the Drain; five Wells to be dug to the bottom Springs, and bricked four Feet six Inches Diameter, the Drains and Shore to have a Descent of two Inches every ten Feet at least: Hanging the Coppers not to be included in the Estimate, although shewn in the Drawing.

CARPENTER'S Work.

ALL the Door-cases, Sills, Window-frames, and Curbs to the Cellar Windows, to be of Oak, five Inches and a Half, by four Inches square, and Cellar Windows, with whole yellow Deal Flaps to Ditto. Eight outside Door-cases to be framed with Fir Jambs, and headed with Oak Sills, and Frontispieces over the same, covered with Lead, and Lights over the Doors of the Wings of the Buildings, under the level Cornices according to the Drawings figured in the Plan; in the Great Court, and Offices-yard, the Doors framed with four Pannels out of two Inch and Half yellow Deals, the Pannels framed; Flush one Side of whole yellow Deals beaded, the rest of the out-side Door Frames and in the party Walls on the Ground-story, to be of Fir Jambs, and Head and Sills of Oak, five Inches and a Half, by four Inches square; the Partitions of each Side of the Stair-Cases, Work-Rooms, Lodging-Rooms, and Garrets, to be Fir Quarters, four Inches by four Inches and a-half Square, and Brick noggin; the Quarters one Foot three Inches a Part, and skirted of one Side to receive the Rendering; the Doors framed with four Pannels, out of Inch and half Deals, the Pannels Flush of one Side, and beaded; in all the Rooms marked as A. B. B. in the low Rooms, L. L. K. G. H. W. in the Plan, and all the rest of the Doors as marked, C. D. E. F. X. Y. Z. L. L. Stable, &c. In the Offices and Walls of Inclosures, and Shutters to Lattice Windows, &c. to be of whole yellow Deals, rabited and beaded on the Joints, and ledged; to have Girders over the Cellar and cold Larder, nine Inches, by ten Inches Square; Joists three Inches by six Inches Square; Trimming Joists four Inches, by six Inch Square; of good Oak, and free from Sap: All the Floors of the Buildings to be framed with sound, yellow Fir Girders, or Beams, eleven Inches by twelve Inches Square; Joists, three by seven Inches Square; Trimming Joists, six Inches, by seven Inches Square; Part of the Girder planed, and a Grove cut to receive the Plaistering of the Ceiling: The Girders, or Beams, not to exceed ten Feet asunder, and one Foot bearing in the Walls at each End, to have Templets of three Feet long, nine Inches by the thickness of a Brick, under all the Ends of the Girders in the Walls, and Plates under all the Ends of the Joists in the Walls; to have bond Timber below the Sills of the Windows, and middle bond Timber, four Inches and a half by the thickness of a Brick, and proper discharging Pieces; and Tassels to all the Chimneys, four Inches and a half, by five Inches and a half Square: The Wall-plates to be five Inches, by eight Inches Square, all round the Buildings of Oak; the Garret Floor to be framed with Girders and Joists as before, the principal Rafters on the great Building to be twelve Inches by nine Inches Square at Bottom, and nine Inches Square at Top; the Collar Beams to be five Inches, by twelve Inches Square, the principal Rafters on the Wings of the Buildings, and Offices that are detached from the main Buildings to be eight Inches by nine Inches Square at Bottom, and eight Inches Square at Top; the Collar Beams three Inches by ten Inches, and all the Purlings seven Inches square, framed Diagonal ways into the Rafters, Flush with the Top of the Principals; small Rafters to be five Inches, by three Inches square; Hips three Inches and a half by eight Inches square; Ridge-pieces, five Inches by two Inches square; and to fix Hip-rolls to all the Hips proper to receive Lead, with Criplings against all the Chimneys, in the outward Walls of the Buildings to support them; to have Ashlars and Ceiling Joists, three Inches and a half Square, all the principal Rafters framed into the Girders at the Foot, as appears by Section; all the Joists and Rafters to be framed no more than one Foot a Part, the Cupola on the Great Building to be five Feet Square at the Base, framed strong and substantially, to receive a Clock and Bell, Post to come down through the Roof, and framed into the Girders on the Garret Floor; Post nine Inches Square to the Top of the Pedestal, and from thence to Cornice seven Inches Square, and Diagonal Braces, six Inches, by four Inches, and Curbs the same, framed properly as shall be directed to discharge the Weight from the Roof, and bolted strong with iron Bolts; the Caps and Bases to the Pilasters and Cornice, to be of the Tuscan Order; the Brew-house left open to the Roof, the Laundry and Grainary, with Ceiling Joists, and ceiled each Side the Roof; the Laundry to be fourteen

fourteen Feet high from the Floor, to the Under-side of the Ceiling, so as to admit of Linnen Hanging to dry; the Trimmers to the open Chimneys, to be framed two Feet clear from the Jambs of the Chimneys, and Stoves one Foot six Inches; to have five pair of principal Stair-cases to go two Stories each Stair-case into the Garrets; three Feet ten Inches going, and one Stair-case in the Infirmary to go one Story, and three Stair-cases in the Offices one Story; from the Wash-house, on to the Laundry Chamber, &c. as shewed in the Drawing; the Steps to be of Inch and half Oak-plank, and Raisers whole yellow Deals free from Sap, six, or six Inches and a half the Raiser, the Step not less than ten Inches broad, with Newels four Inches Square, and Rails moulded with a Dado of whole yellow Deal, instead of Ballisters; with proper Strings and Carriages to the same; the Chamber Floors to be laid with whole yellow Deals free from Sap, and folding Joints; the Garrets to be laid with good sound Inch white wood Deals, and folding Joints; all the Garrets skirted with 3-4th Deals, the Breadth of a Board; to have Seventy-eight Dormer Windows in the Roof, Front and Back-side, including those on the Offices; the Windows, Frames and Sill, to be of Oak, framed in two Lights, in order to receive Casements; each Light one Foot four Inches wide, and two Feet eight Inches high in the Clear; Jambs and Head, three Inches by four Inches Square, with proper Bearers to the Top, and boarded with whole yellow Deals, in order to receive Lead, with whole yellow Deal Cheeks rabited: All the Windows in the main Buildings, to be four light Girt-Windows, and the upper Part to Slide down with an Iron-Rod, fixed on the In-side, to fasten the Windows, of good Oak; to be five Feet five Inches high, and three Feet six Inches wide in the Clear, from out to out of the Frames; The Jambs and Head, four Inches Square, the Upright and Girt, three by four Inches Square; the Sills to the Windows as above, to weather the Brick-work two Inches, all the Window Frames in the Offices to be Lattice Lights, except the Laundry, which are to be glazed, and Casements to Ditto. Windows, the size figured in the Elevation Sill, Jambs and Head Oak, the same Scantlings as above; to have whole Deal window Boards to all the Dormers in the Garrets, and other Windows in General; The Rooms marked in the Ground Plan, as B. B. K. K. and Rooms marked in the Chamber Plan, B. B. &c. W. to have whole Deal window Boards as before mentioned; and 3-4th Inch Jamb Linings, beaded and skirted, with 3-4th yellow Deal the width of a Board, and framed; whole Deal Chimney Fronts, with Cornice and Shelf, over each Chimney-piece, the Committee Room Ovolo, kneed round the Chimney-piece, with proper Freeze and Cornice, all the Roof to Lean-to's over the Oven, Bog-houses, and Hog-styes, &c. to be done with proper Scantlings of Fir and Raifings, as shall be directed, Posts to Lean-to, Kitchen-yard, of Oak, seven Inches Square; the Seats and Raisers to Bog-houses, to be of whole yellow Deals, free from Sap. The three Brick Stair-cases down the Cellars, to be coped with Oak-plank, the Width of the Step, and the Thickness of a Brick; to have one Pair of Gates, Stiles to be three Inch Deals, Ledges framed into them, and whole Deals beaded, and nailed to the Ledges so as to make Flush on the front Side, coped with Oak moulded, and one Pair of common whole Deal ledged and braced Gates, to the Gate-House, into the Offices Yard; to have wood Pumps to all the Wells, in Courts and Yards: The Rooms marked as U. U. U. &c. divided as in the Chamber Plan, into Apartments with whole Deal, and slit Deal Partitions; to have Oak Curbs to all the Cefs-pools, Scantlings the same as Cellar Windows; and Inch and half Oak-flaps to Ditto, and ledged, all the timbers to be free from Sap; no pallisade on the front Wall, Great Court, although shewn in the Drawing, only a Wall carried up to the Height directed by the Plan, and coped with half round common Bricks.

PLASTERER'S Work.

ALL the Ceilings and Roofs in the Garrets, to be plaistered with good Lime and Hair, and good Sand in it, on heart Fir Laths well nailed, and to be sloped and whitened; the Room marked in the Ground Plan, B. B. K. K. and the Rooms marked in the Chamber-plan B. B. B. B. and W. to be rendered, and the backside of the Partitions and nine Inch Walls to be rendered; all the rest of the inside Walls to be sloped and whited, all Plaisterings to be trowel'd smooth as it dries.

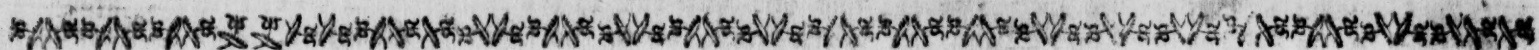
MASON'S Work.

To fix a Portland Chimney-Piece in the Committee Room, with Slips, Noseings and Blocks, and a Slab two Feet wide; two portland Stones four Inches thick, and Vases according to the Drawing; to cap the Peirs at Front, eight Stones to receive Hooks to hang the Gates on; the Bottoms of the Sinks in Kitchen and Scullery to have proper Stones; all the Offices marked in the Plan, to be laid with Yorkshire Stone as C. D. X. and Y. and Stone Steps to the Front Doors in the Great Court, and a Stone Slab for the Laundry-Hearth, three Feet wide.

SMITH'S Work.

IRON Bars to the Mantles of all the Chimneys two Inches and a half wide, and half Inch in Thickness. Kitchen, Scullery, Washhouse, and Laundry, Bars to be double in Breadth; to have proper Frames and Doors to the Ovens, of not less Value than One Guinea each Door and Frame, and Glass Bars for the Tyes of the Lead; Cross-Bars to Prison Window; Hinges, Bolts, Locks and Latches, to all the Doors as shall be required, not of less Value than five Shillings at an Average, to have proper Hooks and Eyes and Bars for the two Pair of Gates, not of less Value than fifty Shillings, Iron Straps two Inches wide, and 3-8ths of an Inch Thick, to clutch the Foot of each principal Rafter, and bolted with a 3-4th Inch Iron Bolt through the Beam, with

with proper Irons to fasten on the Hip-Rolls, to have 3-4th Iron Bars for Grates over the Cess-pools in Offices, Yards and Great-Court, and proper Hooks and Eyes for the Flap-Doors over the Cess-Pools, and 3-4ths Bolts where required to bolt the Timbers in framing the Cupola, and a Vane for the Cupola.



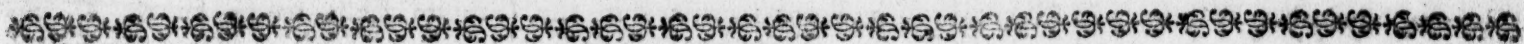
P L U M B E R's Work.

THE Dormer Windows in the Roofs and Pediment in the Front and Hips to be cover'd with Lead, seven Pounds to the Foot, to have six Inches at waste under the Tiling, and to be turned down one Inch round the Dormers in the Roof, the Pediment to Front Door, and seven Level Cornices in the Wings over the Doors in Great Court and Offices, Yard and Cupola, to have a Flush of Lead over all the Leanto's and Bog-houses to be wrought three Inches in the Walls and six Inches out, all to be laid with Lead six Pounds to the Foot.



G L A Z I E R's Work.

ALL the Windows in the Buildings to be glazed with the best Newcastle Glass in Lead Work, and Lights the same over the Doors in the Wings of the Buildings in Great-Court, &c.



P A I N T E R's Work.

ALL the outside Doors, Gates, Windows and Frames, and Pediments, Cupola, &c. to be painted three Times in Oil.

ALL the above Works to be done in a Workmanlike Manner for the Sum of

and if it is thought proper or necessary to alter any of the above Works here annexed in the Designs, it shall no ways break or make void any of the above Proposals or Agreements, but shall be allowed in Proportion; and if the Work should be reduced, then the Value to be deducted in Proportion out of the Total Sum.

F I N I S.

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